SEVENTH MEETINGS OF THE SAT IMPLEMENTATION MANAGEMENT GROUP (SAT IMG/7) AND SAT SAFETY OVERSIGHT GROUP (SAT SOG/7)
Dakar, 6-10 April 2026

Agenda Item 6: **SAT Collision Risk Assessment (CRA)**

6.a) ARMA Activities

DATA COLLECTION AND VARIFICATION FOR SAT AREA

(Presented by ARMA)

SUMMARY	
This information paper presents activities undertaken by ARMA for AFI FIRs that fall in the SAT region. The collection of traffic sample data focused on operations over the Atlantic Ocean, analysis of the data to ensure minimum parameters are present for calculating flight hours within the respective FIR Action by the Meeting is in paragraph 3.	
Strategic Objectives	*A – Every Flight is safe and secure.* *E – Aviation Delivers Seamless, Accessible, and Reliable Mobility for All.*

1 INTRODUCTION

1.1 Collision Risk Assessment (CRA) when correctly computed assists stakeholders in identifying areas of concern whereby mitigating proposals will be formulated to address the risk of exceeding the Target Level of Safety (TLS) as prescribed.

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2. DISCUSSION

2.1. ARMA collects air traffic movement data from Luanda (FNAN), Accra (DGAA) and Johannesburg Oceanic (FAJO). Through workshops with the Air Traffic Service Providers (ATSP), the data must always include fields as prescribed in Doc. 9937, for ease of verification and computation. **Appendix A** below presents the sample traffic data in the prescribed format.

3 ACTION BY THE MEETING

3.1 The meeting is invited to note the information paper.

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APPENDIX A

AIR REGIONAL MONITORING AGENCY (ARMA)

AIRCRAFT TRAFFIC DATA FLOW **FORM 4**

*Revised by RVSMTTF6 MAY 2005

Please include information on all aircraft overflying the airspace within thr flight leve band F280 -F410

DATE	ROUTE	FLT No.	TYPE	A/C REG	ICAO CODE	FROM	TO	EQPT	POSITION	TIME	FLIGHT LEVEL	POSITION	TIME	FLIGHT LEVEL	POSITION	TIME	FLIGHT LEVEL	POSITION	TIME	FLIGHT LEVEL	POSITION	TIME	FLIGHT LEVEL
01-Jan-24	UR983/UA603	AFR861	A332	FGZCK	AFR	DIXXX	LFPG	SDE2E3FGHIJ1J5M1P2RWXYZLB1D1	PAM	2335	360							ENOXO	0006	380			
01-Jan-24	UG859	DAH5318	B738	7TVJL	DAH	DAAG	DIAP	DCT	TUMUT	2356	360							AMSAT	0014	360			
01-Jan-24	DCT	VJT801	GLEX	9HVJQ	VJT	FACT	GCLP	SBDE1E2E3FGHIJ1J3J4J5P2RWXYZLB1D1	TERBA	2228	400							ANUVO	0027	400			
01-Jan-24	UB600	UAL997	B788	N27908	UAL	DGAA	KIAD	SADE3GHIJ1J2J4J5M1P2RWXYZLB1D1	ACC	0010	360							ONESI	0035	360			
01-Jan-24	UB600/UL433	THY5DE	B38M	TCLCL	THY	DIAP	DBBB	SADE1E2E3FGHIJ1M3RWYZLB1	ONESI	0022	370							KETAT	0053	370			
01-Jan-24	UR984/UA603	AFR947	A359	FHTYI	AFR	FKKD	LFPG	SDE2E3GHIJ1J2J3J4J5M1P2RWXYZLB1D1	ABLEX	0048	400							ENOXO	0055	400			
01-Jan-24	DCT	DAL201	A359	N517DZ	DAL	FAOR	KATL	SADE2E3GHIJ1J4J5M1P2RWXYZLB1D1G1	09235002	0111	360							09025003	0116	360			
01-Jan-24	UR983/UZ136	DTA650	B77W	D2TEK	DTA	FNLU	LPPT	SDE1FGHIJ1J5M1RWXYLD1	GAPAK	0050	360							TYE	0135	360			
01-Jan-24	UB600	KQA514	B738	5YKYE	KQA	HKJK	DGAA	SDE2E3FGHILORVWYZLB1	EBULI	0044	380							ACC	0156	380			
01-Jan-24	DCT	BAW43	B77W	G5TBN	BAW	EGLL	FACT	DCT	TYE	0026	340							06225005	0158	340			
01-Jan-24	UR983	RAM551	B738	CNROS	RAM	GMMN	DIXXX	SDE1E3FGHIJ1RWXYZLB1	UMOVO	0144	350							PAM	0210	350			
01-Jan-24	UA603/UR984	AFR928	A332	FGZCE	AFR	LFPG	FOPP	SDE2E3FGHIJ1J5M1P2RWXYZLB1D1	ENOXO	0234	380							ARLEX	0240	380			
01-Jan-24	UA603/UR984/UZ136/UB600/UR98	AFR990	B77W	FGZNK	AFR	LFPG	FAOR	SDE2E3FGHIJ1J5M1P2RWXYZLB1D1	ENOXO	0210	350							INOSA	0250	350			
01-Jan-24	UB600	APK7537	E295	5NBYJ	APK	GLRB	DGAA	DCT	ONESI	0226	350							ACC	0259	350			
01-Jan-24	UG859	DAH5319	B738	7TVJL	DAH	DIAP	DAAG	DCT	AMSAT	0252	350							TUMUT	0310	350			
01-Jan-24	UB600/UL433	APK7761	E145	5NBVF	APK	GFLL	DNMM	SDHWC	ONESI	0249	350							KETAT	0318	350			
01-Jan-24	UB600	KQA514	B738	5YKYE	KQA	DGAA	GOBD	SDE2E3FGHILORVWYZLB1	ACC	0308	380							ONESI	0333	380			
01-Jan-24	UZ136/UR983	DTA653	A333	9HHFA	DTA	LPPT	FNLU	DE1E2E3GHIJ3J4J7LM3OP2RVWXYILB1D1	TYE	0254	410							GAPAK	0342	410			
01-Jan-24	UL433	ETH927	B38M	ETAVI	ETH	HAAB	DGAA	SDE1FGHILORVWXYHB1	KETAT	0355	380							ACC	0414	380			

Figure 1: Traffic Sample Data